HS-4800
Water Treatment System
PT# 61301605528
FT# 61301604726

APPLICATION
Today's ever-changing water quality issues demand that point-of use water treatment systems become an essential component of equipment applications. Because municipal water treatment facilities are designed to reduce mainly biological contaminants, they do not decrease contaminants that affect the performance of water dependent equipment. The Watts HS-Series water treatment systems are designed specifically for use on applications found throughout the healthcare industry, such as point-at-use steam generators, instrument and cart washers. When used as suggested by the manufacturer, The Watts HS-Series water treatment systems significantly reduce or eliminate boiler scaling and instrument spotting.

BENEFITS
- Extends equipment life
- Provides 'spot-free' rinse water at a fraction of the cost of Deionization (DI water)
- Reduces or eliminates boiler scale
- Increases boiler heating element life and efficiency

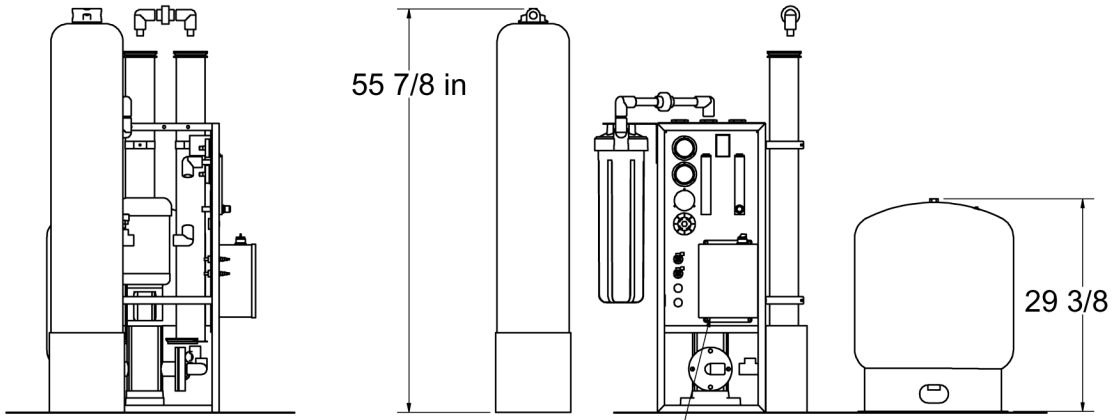
EQUIPMENT FEATURES
- Complete pre-treatment
- Sediment filtration removes dirt, sand, and rust
- KDF media filter reduces iron
- Carbon filtration removes chlorine and other VOCs
- TFC reverse osmosis membrane reduces up to 99% of TDS
- Complete post-treatment
- PH adjusted
- TDS balanced to ensure proper conductivity of water
- 1-year warranty
- Factory performance tested and sanitized
- UL listed controls

SYSTEM PERFORMANCE
When used as suggested by the manufacturer, the Watts HS-Series water treatment systems eliminate up to 99% of the following contaminants:
- Total Dissolved Solids(TDS)
- Volatile Organic Chemicals
- Harness($CaCO_3$)
- Chlorine additives

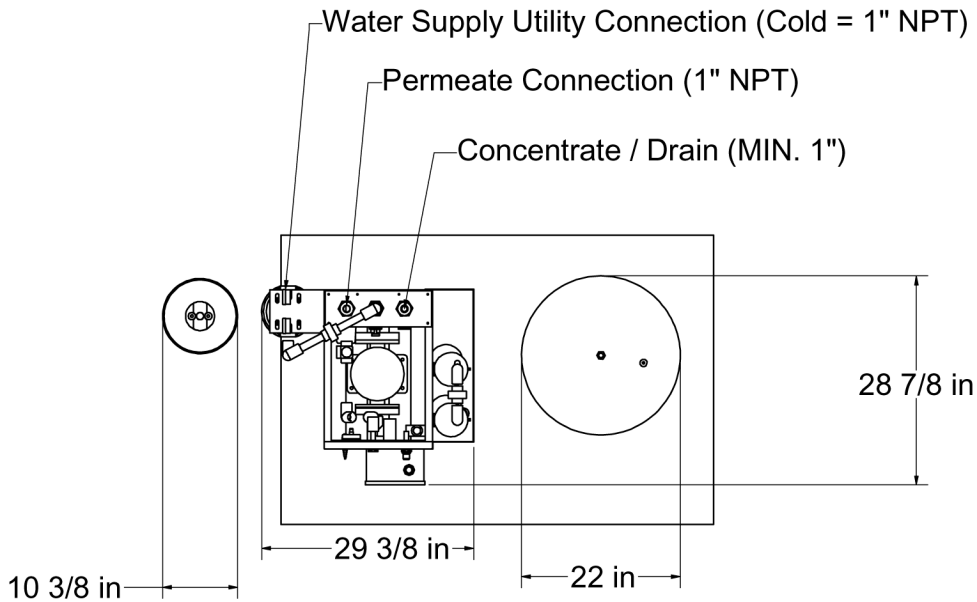
Note Limitation: Not intended for drinking water.

WARRANTY
Watts HS-Series water treatment systems are warranted for One year. Labor for repairs are provided for the first 90/days following equipment installation and start up. Warranty repairs are performed Monday-Friday from 8:00a.m. - 5:00p.m., Excluding national holidays.

To order an HS-Series Water Treatment System or for more information, please call:
Phone: 800-950-9912
Fax: 800-950-2570
Getinge USA Inc,
1777 East Henrietta Rd.
Rochester, NY 14623

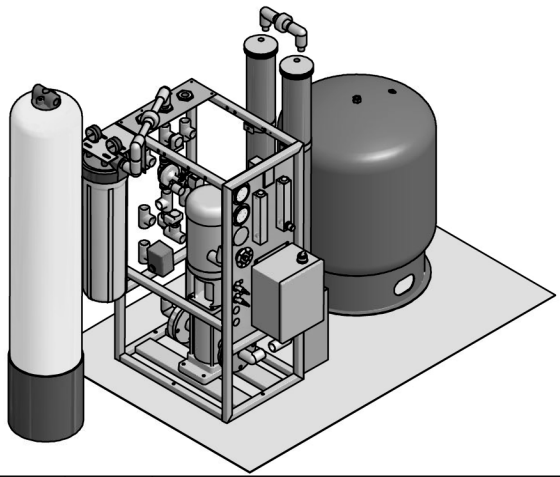


240VAC
13A
60Hz
(14/3 wire, plug not provided)


Water Supply Utility Connection (Cold = 1" NPT)
Permeate Connection (1" NPT)
Concentrate / Drain (MIN. 1")
28 7/8 in
29 3/8 in
22 in
10 3/8 in

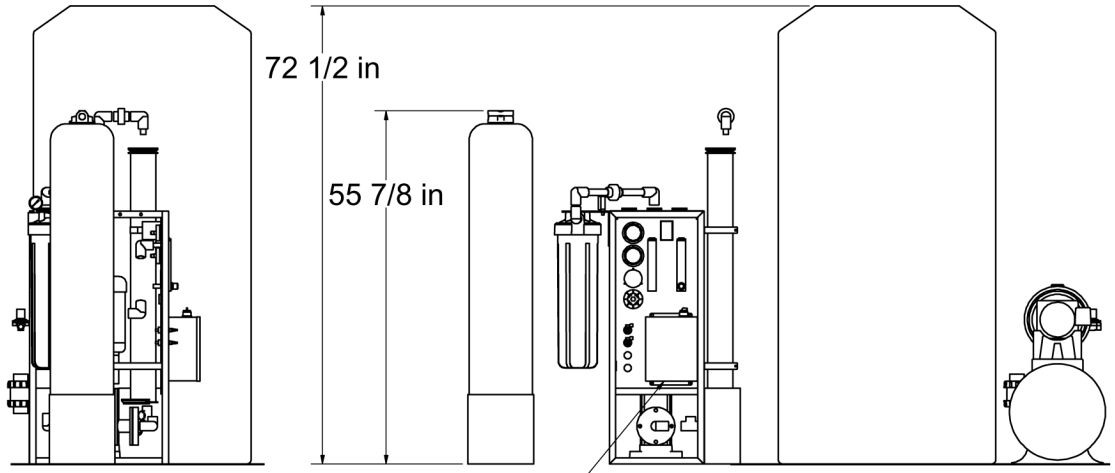
NOTES:

1) **INLET WATER:** Designed to handle potable water up to 2000 ppm TDS; hardness 14 grains max.
2) Permeate water will have 5 to 50 ppm TDS.
3) **WATER TEMPERATURE:** 35 - 100 deg. F
4) **WATER PRESSURE:** 30 - 85 psig. A pressure regulator P/N 134030 will be required if over 85 psi.
5) **MEMBRANE RECOVERY RATE:** 1 to 1 or better.
6) **CODES:** UL & CSA 508A
7) First year preventative mainenance kit is included (P/N 501056)
8) Minimum 18 inches service clearance on sides.
9) Minimum 40 inches service clearance on top.
10) **FLOOR SINK DRAIN:** 1-1/4” dia. within 10’ of processor.
11) **APPROVED PIPING MATERIAL:** Schedule 80 PVC for washer applications and "L" copper for boiler feed applications.
12) **PRETREATMENT:** 20" Sediment 5 micron (P/N 204019 - Qty 1)
13) **POST TREATMENT:** Calcite feeder kit (P/N 590101) will need to be assigned to each boiler.



DRAWN Craig Schmitt	4/10/2003	**Watts Pure Water, Phoenix, AZ USA**	
CHECKED Josh Hanford	12/16/2003	TITLE **HS-4800PT**	
QA			
MFG			
APPROVED			
		SIZE C	DWG NO **574801**
		SCALE	SHEET 1 OF 1

REV 01/02/03



240VAC
13A
60Hz
(14/3 wire, plug not provided)

NOTES:

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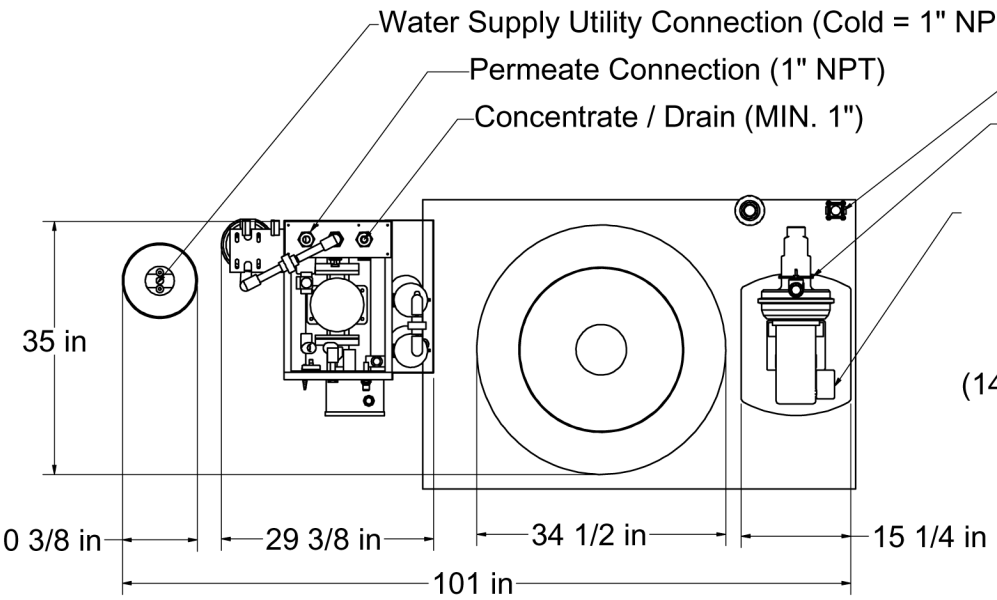
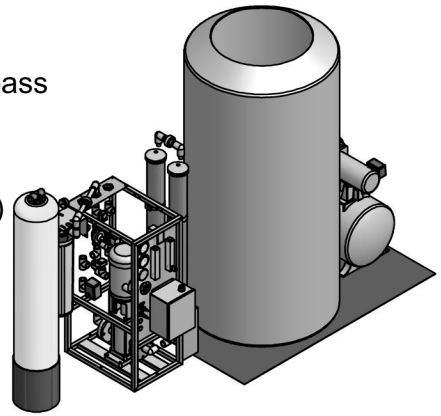


115VAC
12.4A
or
230VAC
6.2A
(14/3 wire, plug provided)



DRAWN Craig Schmitt	4/10/2003	**Watts Pure Water, Phoenix, AZ USA**	
CHECKED Josh Hanford	12/16/2003	TITLE	
QA		**HS-4800FT**	
MFG			
APPROVED		SIZE C	DWG NO **574802** REV 01/02/03
		SCALE	SHEET 1 OF 1

Model HS-4800-PT # 574801 Replacement Parts

Item #	Item Description	Qty Per Unit
61301605512	Gauge 0-300 Gly. Pnl. Mt.	2
61301605500	Vertical Pump/Motor for Processor	1
61301605490	Switch Low Pressure 8-30psi	2
61301605489	Brass Solenoid 3/4" 24v	1
61301605464	Membrane Filter 4 x 40	2
61301605467	Membrane Clousure Kit 4"	2
61301605478	Valve Check PVC 1"	1
61301605544	TDS Monitor Panel Mt. 0-1999ppm	1
61301605486	Solenoid Plas 1" 24v	1
61301605511	Gauge 0-100 Gly. Pnl. Mt.	1
61301605491	Tank Pressure Switch	1
61301605482	Valve Labcock 1/4"	2
61301605465	Housing Filter 20" BB	1
61301605510	Gauge 0-100psi 1/4"	1
61301605462	Sediment 20" BB 1Micron	1
61301605483	Valve PVC 1/2" Panel Mt.	1
61301605505	Control Box Motor Relay	1
61301605506	Control Box Transformer	1
61301605508	Control Box Circuit Board	1
61301605503	Fuse 30amp	2
61301605504	Contact Block for Switch	1
61301605535	Wrench for 20" BB housing	1
61301605469	O-Ring for 20" Housing	1
61301605544	HS-4800 PM Kit	1

Model HS-4800-FT # 574802 Replacement Parts

Item #	Item Description	Qty Per Unit
61301605512	Gauge 0-300 Gly. Pnl. Mt.	2
61301605476	Valve Check Brass 1/2"	1
61301605500	Vertical Pump/Motor for Processor	1
61301605490	Switch Low Pressure 8-30psi	1
61301605489	Brass Solenoid 3/4" 24v	1
61301605464	Membrane Filter 4 x 40	2
61301605467	Membrane Clousure Kit 4"	2
61301605478	Valve Check PVC 1"	1
61301605544	TDS Monitor Panel Mt. 0-1999ppm	1
61301605486	Solenoid Plas 1" 24v	1
61301605509	Horizontal Reed Float	3
61301605511	Gauge 0-100 Gly. Pnl. Mt.	2
61301605482	Valve Labcock 1/4"	2
61301605465	Housing Filter 20" BB	1
61301605510	Gauge 0-100psi 1/4"	1
61301605462	Sediment 20" BB 1Micron	1
61301605483	Valve PVC 1/2" Panel Mt.	1
61301605505	Control Box Motor Relay	1
61301605506	Control Box Transformer	1
61301605508	Control Box Circuit Board	1
61301605503	Fuse 30amp	2
61301605504	Contact Block for Switch	1
61301605535	Wrench for 20" BB housing	1
61301605469	O-Ring for 20" Housing	1
61301605472	Tank for Repressurizer (RP-12)	1
61301605498	Injector for Repressurizer	1
61301605498	Pump/Motor for Repressurizer	1
61301605544	HS-4800 PM Kit	1